For Research Use Only

APC Anti-Mouse CD86 (GL1)

Catalog Number:APC-65068 6 Publications

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Basic Information

Catalog Number:
APC-65068

Size:
100ug , 0.2 mg/ml

Source:
Rat

Isotype:
IgG2a, kappa

GenBank Accession Number:
BC013807

GeneID (NCBI):
12524

UNIPROT ID:
P42082

Full Name:
CD86 antigen

Purification Method:
Affinity purification

CloneNo.:
GL1

Excitation/Emission maxima wavelengths:
650 nm / 660 nm

Applications

Tested Applications:
FC

Cited Applications:
IF, FC

Species Specificity:
Mouse

Cited Species:
mouse

Background Information

CD86 (also known as B7-2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and CTLA-4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with CTLA-4 negatively regulates T-cell activation and diminishes the immune response. (PMID: 7513726; 1847722; 11029388; 27591335)

Notable Publications

Author	Pubmed ID	Journal	Application
Hongbing Lin	36114617	Stem Cells Dev	FC
Hanxiao Chang	38169382	Cell Commun Signal	FC
Renming Fan	38572099	Acta Pharm Sin B	FC

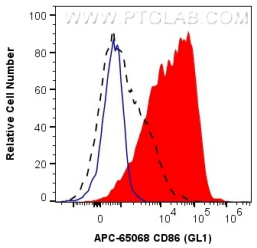
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA.

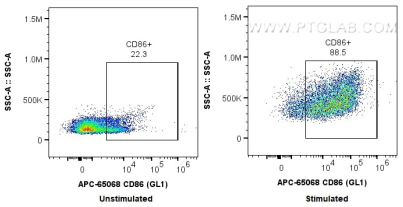
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10^6 untreated (dashed lines) or LPS-treated (red) mouse splenocytes were surface stained with 0.2 ug APC Anti-Mouse CD86 (APC-65068, Clone:GL1) (red), or 0.2 ug Isotype Control (blue). Cells were not fixed.



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